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CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office at Fax No. 571-273-8300 on December 6, 2005.

*Loretta S. Garcia*  
Loretta S. Garcia

CUSTOMER NO. 36257

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ibrahim ABDULHALIM et al.

Title: Periodic Patterns and Technique to Control Misalignment Between Two Layers

Application No.: 10/699,153 Filing Date: October 30, 2003

Examiner: Layla G. LAUCHMAN Group Art Unit: 2877

Docket No.: TNCR.196US2 Conf. No.: 1463

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

Sir:

The above-identified assignee, KLA-TENCOR CORPORATION, a California corporation, hereby revokes all powers of attorney previously given and appoints the attorney(s) and/or agent(s) identified by the following Customer Number to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

CUSTOMER NO. 36257

and Kevin P. McAndrews, Reg. No. 34,496

and Bernice Chen, Reg. No. 42,403

Please direct all telephone calls to:

James S. Hsue  
Telephone: 415.318.1160 (main)  
Telephone: 415.318.1162 (direct)  
Fax: 415.693.0194

Appln. No. 10/699,153

Atty Docket: TNCR.196US2

- 1 of 2 -

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**ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(b)**

The undersigned hereby certifies that KLA-Tencor Corporation is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventor(s) of the above-identified patent application to the above-identified assignee as shown below:

From: Inventors, Ibrahim ABDULHALIM et al., to KLA-Tencor Corporation, a copy of which is attached.

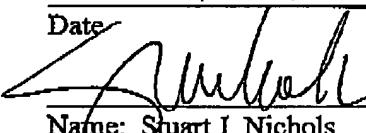
The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

12/02/2005

**KLA-Tencor Corporation**

by:

Date

\_\_\_\_\_  
Name: Stuart J. Nichols

Title: Vice President, General Counsel

**Appln. No. 10/699,153****Atty Docket: TNCR.196US2****- 2 of 2 -**

**COPY****ASSIGNMENT**

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For good and valuable consideration, receipt of which is hereby acknowledged, we

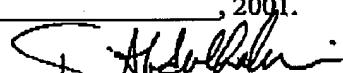
**IBRAHIM ABDULHALIM, MIKE ADEL, MICHAEL FRIEDMANN  
and MICHAEL FAEYRMAN**

hereby sell, assign and transfer to KLA-Tencor Corporation, a Delaware corporation, having a place of business at 160 Rio Robles, San Jose, California 95134-1809, its successors and assigns, the entire right, title and interest throughout the world in our invention in

**PERIODIC PATTERNS AND TECHNIQUE TO CONTROL  
MISALIGNMENT BETWEEN TWO LAYERS**

for which we filed a United States Patent Application on April 10, 2001, which now has Serial No. 09/833,084, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 31<sup>st</sup> day of August, 2001.



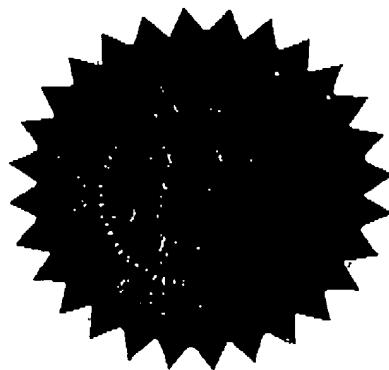
Ibrahim Abdulhalim

State of IsraelCounty of Migdal Haemek ss.Notarial No. 502 (p-1)

On 31<sup>st</sup> August 2001 before me, C. M. Malek personally appeared Ibrahim Abdulhalim personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

## SIGNATURE OF NOTARY



Executed this 2 day of September, 2001.

11/

Mike Adel

State of Israel )  
County of Migdal Haemek ) ss.

On 2nd September 2001 before me, C. M. Malek personally appeared Mike Adel personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

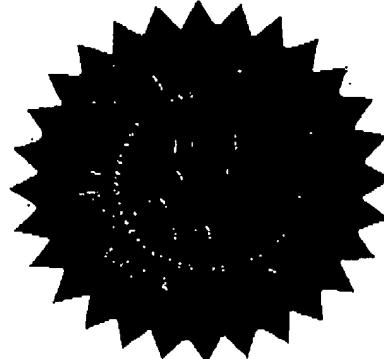
SIGNATURE OF NOTARY

Executed this 2 day of September, 2001.State of Israel )  
County of Migdal Haemek ) ss.

On 2nd September 2001 before me, C. M. Malek personally appeared Michael Friedmann personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY



Executed this 2 day of September, 2001.

5/5

Michael Faeyrman

State of IsraelCounty of Michael Faeyrman ss.On 2nd September 2001 before me, Ch M. Malek

personally appeared Michael Faeyrman personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Ch. M. Malek